

METHOD FOR FABRICATING ELECTRO-OPTIC LIGHT MODULATOR

ABSTRACT OF THE DISCLOSURE

In an electro-optic light modulator requiring an electro-optical sensor material such as polymer dispersed liquid crystal, or PDLC is directly coated on an optical glass substrate with a transparent electrode, such as indium tin oxide (ITO) and an optional layer of passivation coating such as silicon dioxide (SiO_2) on its surface. A thin layer of polymeric adhesive is coated on top of PDLC layer and then this two-layer coating is laminated with a dielectric mirror on a polyester film (Mylar™) preferably with the assistance of a vacuum.

Figure 1

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